

## Registration

Stormwater Workshop  
Thursday, April 14, 2016

Name \_\_\_\_\_

Title \_\_\_\_\_

Company/Agency \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

**Fee: \$100.00...includes refreshments, lunch & binder. Add \$10.00 late fee after April 1**

**NO PURCHASE ORDERS!**

☐ PDH Certificate requested (see inside)

☐ Check enclosed payable to: "Waukesha County"

Complete for credit card payment:

Expiration Date \_\_\_\_\_

Credit Card # \_\_\_\_\_

3-digit Security Code (if available) \_\_\_\_\_

Name on Card \_\_\_\_\_

Signature \_\_\_\_\_

Fax to: 262-896-8298 or

Mail to: Waukesha County Land Resources Division  
515 W. Moreland Blvd., Rm # AC260  
Waukesha WI 53188

Questions: call Marcia McCann, Waukesha County 262-896-8302.

Please advise if you need special accommodations. One week cancellation policy (\$10 admin. fee).

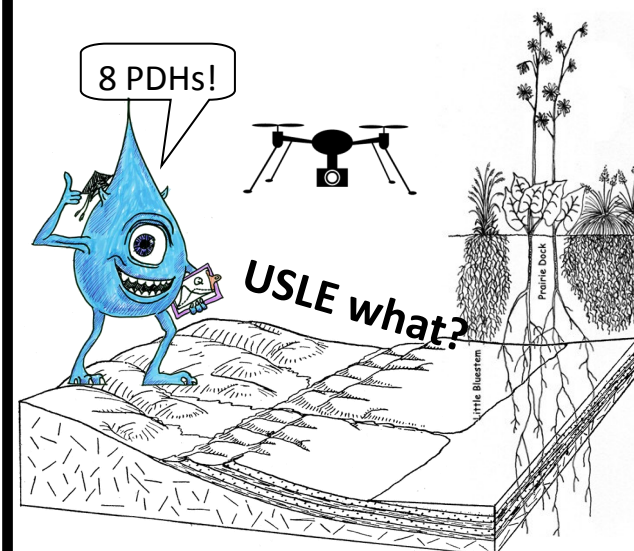
Waukesha County Dept. of Parks & Land Use  
Land Resources Division  
515 W. Moreland Blvd - Rm 260  
Waukesha WI 53188

**Seating is limited.  
Register Early!**

**2016 Waukesha County**

## Stormwater Workshop

***"The Rundown on Runoff"***



- ♦ *Regulatory & program updates*
- ♦ *Local BMP case studies in success*
- ♦ *Using drones for inspections*
- ♦ *BMP retrofits in MS4s & grants*

**Thursday, April 14  
7:30 am - 4:00 pm**

**Location: Ruekert & Mielke Bldg.  
W233N2080 Ridgeview Pkwy  
(Hwy F just north of I-94), Pewaukee**

## Workshop Description

This 15th annual Waukesha County stormwater workshop has a focus on recent developments in the stormwater program and success stories in project implementation. Through a series of case studies, experts from around the state will share their experiences in applying today's stormwater and erosion control best management practices in the field. We will also discuss a number of updates to stormwater regulations, and what they mean to the development community.

The great facility at Ruekert & Mielke allows for good audience interaction, and plenty of time is reserved to answer audience questions in each session.

## Who Should Attend?

Planners, engineers, municipal staff, consultants and contractors who work with land development, storm water or erosion control issues.

## PDH Certificates

Waukesha County will issue a certificate for eight (8) Professional Development Hours (PDH) for anyone who requests it on their registration and completes the full workshop; but you must complete the full workshop.

## Presenters

Presenters confirmed as of 1/25/2016 include:

Alan Barrows, CST, Waukesha County  
Craig Donze, P.E., One Source Consulting  
Mike Hallada, P.E., Ruekert & Mielke  
Leif Hauge, P.E., Waukesha County  
Benjie Hayek, P.E., RA Smith National  
Ben Heussner, WI DNR  
Aaron Krier, P.E., Patrick Engineering  
Jon Lindert, P.E., Strand Associates  
Lance Newman, P.E., We Energies/Kapur & Assoc.  
Keir Peckham, Natural Landscapes  
Chad Sampson, Racine County  
Charlie Shong, Pewaukee River Partnership  
Shane Zodrow, P.E., RA Smith National  
Pete Wood, P.E., WDNR

## Preliminary Agenda

### 7:30 Registration & Refreshments

#### 8:00 Regulatory Updates

- County stormwater ordinance updates
- Project Engineer responsibilities
- Standards to prevent flooded basements
- New design rainfall depths & distribution
- DNR program updates

#### 9:00 Construction Inspections by Drone

- How it works & lessons learned
- Avoiding issues with FAA regulations
- Using the information/videos collected

### 9:30 Break

#### 9:40 Recent Developments in Construction Management & Erosion Control

- Case studies in using USLE to document compliance with the 5 tons/acre/year std.
- Importance of the construction schedule
- Late season stabilization challenges
- Effective native plant establishment

### 11:00 Break

#### 11:10 Native Vegetation Success Stories

- Rain garden case studies
- Using prairie sod to stabilize an eroding hillside on a lakeshore

### 12:00 Lunch (in house)

#### 12:45 Using Grants to install BMPs

- Fox River Commission funded stormwater projects in Racine County
- WDNR - Obstruction removal in sensitive waters
- Gully stabilization

#### 1:50 Erosion Control & Highway Construction

- Using shoreline turbidity barriers
- Soil stabilization & hydroseeding

### 2:15 Break

#### 2:30 Stormwater & Highway Construction

- Dousman storm sewer & BMP
- Bioretention in a road median
- Okauchee wet detention basin

#### 3:00 Erosion Control & Utility Construction

- We Energies gas main case study

#### 3:50 Local BMP Case Studies

- Leaf collection program for watershed mgt.
- BMP retrofits in MS4 communities

### 4:00 Adjourn

## Workshop Co-sponsors:



- Waukesha County Dept. of Parks & Land Use - Land Resources Division
- Wisconsin Dept. of Natural Resources
- MS4 Community partners in Waukesha County